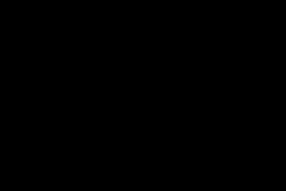


US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214																																																	
Kalamazoo River/Enbridge Spill		07/11/2012		1600																																																			
4. Unit Name/Designators		5. Unit Leader			6. Operational Period :																																																		
Operations Unit/Containment Branch Monitoring Group		Name:		Dan Capone & Joe Victory (START/US EPA)		From:	07/11/2012 0600																																																
		Position:		Operations Section Chief		To:	07/11/2012 1545																																																
7. Personnel Roster Assigned																																																							
Name		ICS Position		DUTY CELL																																																			
Dan Capone		Operations Section Chief																																																					
Joe Victory		Operations Section Chief																																																					
Rex Johnson		Deputy Director																																																					
Dan Zahner		Field Team Lead																																																					
Karen Berez		CBM Team 1																																																					
8. Activity Log																																																							
Activity Area						LAT Various (DD.MMMM)	LAT Various (DD.MMMM)																																																
<u>OIL OBSERVED</u>		<u>EXTENT OF OIL IMPACTED AREA</u>																																																					
		<u>DENSITY OF OIL /SHEEN</u>																																																					
Total Collection Points																																																							
Total Boom Deployed																																																							
Activity		<p><u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u></p> <p>Karen Berez and David Pesses conducted (1) Control & Containment Point inspections at shoreline locations at Talmadge Creek. (2) Control & Containment Point inspections at shoreline and overbank locations from Talmadge Creek and Kalamazoo River mile post 0.00 through 40.00. (3) Water & Sediment Temperature & Level Readings.</p> <ul style="list-style-type: none"> • 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations. • 0750- 1600: START and LBG members conducted inspections. Observations and recommended actions were logged in the START CBM Team 1 log book, as well as discussed with David Pesses. David Pesses informed Enbridge contractors to make recommended actions. <p><u>WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:</u></p> <table border="1"> <thead> <tr> <th>LOCATION</th> <th>WATER TEMP</th> <th>SEDIMENT TEMP</th> <th>WATER LEVEL</th> </tr> </thead> <tbody> <tr> <td>MP 2.25 (C 0.0 Launch)</td> <td>80.40</td> <td>79.01</td> <td>3.1</td> </tr> <tr> <td>MP 5.25 (C0.4 Launch)</td> <td>84.20</td> <td>80.53</td> <td>1.3</td> </tr> <tr> <td>MP 10.0 (C3.2 Launch)</td> <td>79.59</td> <td>77.03</td> <td>1.35</td> </tr> <tr> <td>MP 15.0 (C5 Launch)</td> <td>79.12</td> <td>78.06</td> <td>2.6</td> </tr> <tr> <td>MP 18.75 (D2 Launch)</td> <td>77.90</td> <td>75.71</td> <td>0.7</td> </tr> <tr> <td>MP 21.5 (D5)</td> <td>74.86</td> <td>75.65</td> <td>3.6</td> </tr> <tr> <td>MP 27.0 (E0.5 Launch)</td> <td>76.11</td> <td>77.35</td> <td>0.0</td> </tr> <tr> <td>MP 30.0 (E2 Launch)</td> <td>77.57</td> <td>71.65</td> <td>0.0</td> </tr> <tr> <td>MP 35.0 (E3 Launch)</td> <td>71.62</td> <td>67.49</td> <td>0.0</td> </tr> <tr> <td>MP 38.0 (E4 Launch)</td> <td>75.25</td> <td>76.36</td> <td>1.0</td> </tr> <tr> <td>AVERAGE</td> <td>77.66</td> <td>75.88</td> <td></td> </tr> </tbody> </table>						LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	MP 2.25 (C 0.0 Launch)	80.40	79.01	3.1	MP 5.25 (C0.4 Launch)	84.20	80.53	1.3	MP 10.0 (C3.2 Launch)	79.59	77.03	1.35	MP 15.0 (C5 Launch)	79.12	78.06	2.6	MP 18.75 (D2 Launch)	77.90	75.71	0.7	MP 21.5 (D5)	74.86	75.65	3.6	MP 27.0 (E0.5 Launch)	76.11	77.35	0.0	MP 30.0 (E2 Launch)	77.57	71.65	0.0	MP 35.0 (E3 Launch)	71.62	67.49	0.0	MP 38.0 (E4 Launch)	75.25	76.36	1.0	AVERAGE	77.66	75.88	
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WEEKLY/AFTER RAIN EVENT INSPECTION:

Talmadge Creek: (11) Pom-Poms deployed at 7 culvert locations:

MP 0.00: Upstream of source:

MP 0.04: Below Source (Culvert 1):

MP 0.27: Between Source & Division Road (Culvert 2):

MP 0.50: Division Road (Culvert 3): MP 0.74: Hillbilly Road (Culvert 4):

MP 1.09: 16 Mile Road (Culvert 5):

MP 1.28: 15 ½-Mile Road (Culvert 6):

MP 1.57: B4.5 (Culvert 7):

MP 1.77: Saylor's Property (Culvert 8):

MP 1.99: A Drive North (Culvert 9):

MP 2.02: Talmadge Creek before Confluence:

DAILY CONTAINMENT MONITORING:

Kalamazoo River: Control (CT) & Containment (CTM) Points (14) deployed are:

MP 5.75 (Ceresco Dam): Area was observed from building at Dam on LDB. Streamers of silver oil sheen observed floating into collection area on control point. No oil and/or oil sheen observed floating under hard boom or over Ceresco Dam. Heavy amount of organic matter collecting on control point and emitting a foul pungent odor. Sheen sweep boat observed cleaning area along control point.

MP 8.50 L3 (8.48 LDB):

MP 8.75 R1:

MP 9.00 I2 (8.97I):

MP 10.75 LDB:

MP 11.75 L2 (11.79 LDB):

MP 14.75 RDB:

MP 15.65 (Battle Creek Spillway): Very slight random streamers of silver oil sheen observed from LDB above spillway.

MP 21.50 (Oxbow): Moderate amounts of silver oil sheen streamers and occasional oil globules observed off RDB on river from east of Custer Dr. bridge to upstream end of oxbow. Sheen sweep boat notified of need for sheen management at location.

MP 37.75 (E4): Slight streamers of silver oil sheen and occasional oil globule observed in collection location on control point and along shoreline at collection area. Area of sheen is 4' x 20' = 80 sq. ft.

RIVER REOPENING MILE POSTS:

MP -2.70 to MP 2.25:

MP 2.25 to MP 5.90:

MP 5.90 to MP 9.50:

MP 9.50 to MP 13.75:

MP 13.75 to MP 15.65:

MP 15.65 to MP 18.75:

MP 18.75 to MP 30.00: MP 26.25 RDB: Very random free floating silver oil sheen observed on river segment. MP 23.15 RDB: No oil and/or oil sheen observed on river segment.

MP 30.00 to MP 35.25:

MP 35.25 to MP 37.75:

MP 37.75 to MP 40.00:

Total sheen in control points: 80 sq. ft.

	<p>Total sheen within containment: 0 sq. ft. Total Sheen: 80 sq. ft.</p> <p><u>Helicopter Fly-Over Pictures:</u></p> <p>CBM 1 had no Situation Photo Log pictures to inspect today.</p>
Health and Safety Issues	None
Comments	<p>MP 19.25 L1: Sediment trap is intact and showing no sign of degradation.</p> <p>MP 28.25 R1: Sediment trap intact and showing no sign of degradation.</p> <p>The following Walling Sediment Samplers were inspected and are all intact with no apparent damage: WSS-7.</p> <p>The following Can Buoys were inspected and are intact with no apparent damage: CB-11, CB-12, CB-29, CB-30, CB-31 and CB-32.</p> <p>The following Ball Buoys were inspected and are intact with no apparent damage: BB-109, BB-110, BB-119, BB-120, BB-121, BB-122, BB-123, BB-124, BB-125, BB-126, BB-127, BB-128, BB-142 and BB-143.</p>